LTR	ALTERATION	DATE	BY	
BE	TRACED UP TO DATE			
BF	CHG'D SIZE OF DRAIN HOLES TO ¼	6-5-39		
BG	PBY-5 (REQ) ADDED ¼ DRAIN HOLE NOTE ADDED	12-15-39		C-5
BH	10 EQUAL SPACES IN BAYS 12-13 WAS 8 EQUAL SPACES	11-5-40		B-7
BI	ADDED AN515-010-6 TO B.M.			
BJ	AN520-08-8 WAS AN520-08-6 IN B.M. & FACE OF DWG.	11-8-40		A5
BK	9 11/16 WAS 9 9/16	12-2-40		D4
BL	ADDED AN520-10-14 SCREW & AC 365-1032 NUT TO 28W2024 WAS AN515-10-10 & PEEN END	12-2-40		A7 A3
BN	Q507A-2-3 WAS Q506A-2-3 Q506A-2-4 WAS Q506A-2-6 ON DWG & B.M.	12-12-40		
BO	CHG'D. -16 DIM. 8 WAS 7 5/8			
BI	ADDED DIM. 8 3/16 & 1 1/16			D4
BP	ADDED 28C5055	2-11-41	WATZ	A5
BQ	ADDED NOTE ON CONT. DIMS			C5
BR	CHG'D. TRIM FLANGE ANGLE 3/4 TO 27/32	3-12-41		
BS	ADDED NEXT ASSYS AND NOTES FOR 28-5ME	5-12-41		
BT	ADDED NEXT ASSY 28-5MA	5-20-41	OKEY	
	ADDED NEXT ASSY 28-5MC	6-24-41		
	CHG'D NEXT ASSY OF 28-5AMC FROM 28W011 TO 28W5514			

E.O. 7611C
BREWSTER E.O. 306
BREWSTER E.O. 205
BREWSTER E.O. 307
BREWSTER E.O. 273
BREWSTER E.O. 278
BREWSTER E.O. 177
BREWSTER E.O. 363
PBY-5
E.O. 33144
ALL 28's E.O. 38904
PBY-5 CO 46
28-5ME E.O. 38948
28-5MA E.O. 38958

(B5) GENERAL NOTES (CONT.)

8. "Y-28W2010 & 1 ASSEMBLIES HAVING NEXT ASSEMBLY 28W5514 L & R ARE FOR BRITISH AIRPLANES HAVING COUNTER BALANCED AILERONS SHIPS # AH568, AH569 OF S.O. 2 W8430 W8430 AND FOLLOWING OF S.O. 2."
9. Ω-28W2010-1 ASSEMBLIES HAVING NEXT ASSEMBLY 28W011-16-17 ARE FOR BRITISH AIRPLANES HAVING CONVENTIONAL AILERONS - S.O. 1 EXCEPT LAST TWO SHIPS # AH568, AH569."

NOTE:
¼ DRAIN HOLES TO BE DRILLED IN ALCLAD PARTS BEFORE ANODIZING AND PRIMING.
(B4) NOTE: ALL CONTOUR DIM ± 1/16

DETAIL C
SCALE ONE HALF SIZE

DETAIL F
SCALE HALF SIZE

SECTION D-D
SCALE 24"-1-0

VIEW X-X
SCALE FULL SIZE

VIEW OF LINK INSTALATION - REAR OF AILERON SPAR LOOKING FORWARD L.H. AILERON ONLY.
SCALE HALF SIZE

END SECTION THRU BEAM INBD OF LINK SHOWING LINK & TUBES IN NEUTRAL POSITION.
SCALE-HALF SIZE

DETAIL -22
.035 AL AL 24ST SHEET SPEC 67A10 COND "T" HEAT TRT
THIS PART IS IDENTICAL TO AND WAS FORMERLY KNOWN AS 28W048-78
SCALE ONE HALF SIZE

DETAIL -8 CHANNEL
SCALE ONE FOURTH SIZE

GENERAL NOTES

1. FOR STRUCTURAL DETAILS, SECTIONS ETC. NOT SHOWN ON THIS DRWG SEE 28W010
2. FINISH SAME AS 28W010
3. INSERT FABRIC IMPREGNATED WITH BITUMASTIC PAINT BETWEEN SPAR ANGLES & STEEL FITT'G 28W072 AT STA #1 & 28W073 AT STA. #14
4.
5. ON ASSEM 28C2021 TO TOP BRACKET, TRIM RUBBER & CASE APPROX 1/32 BACK, ON SIDE NEAR OUTBD NOSE RIB. TO CENTER ATTACH HOLES (PBY-2 ONLY)
6. ALL RIVETS TO HAVE MANUF. HEAD IN CONTACT WITH FABRIC
7. PBY-4 ONLY STA #4 & #10 DRILL #(193) IN -10, -12, 26, 27 TO MATCH HOLES BONDING. STA #7 DRILL #(193) & 1/8 SELF TAPPING SCREWS. Q507A2-3

PART	CALC. WT
28W2010-1	38.4
28W2010	43.7

ALL AL ALLOY SHT SPEC 67A10 (COND T) ALLOY 24T EXCEPT AS NOTED
ALL AL ALLOY EXTRUSIONS SPEC ... ALLOY 24T EXCEPT AS NOTED
RIVETS AL ALLOY EXCEPT AS NOTED

MATERIAL	SPEC	HEAT TREAT	FINISH
NOTED	NOTED	NOTED	NOTED

CONSOLIDATED AIRCRAFT CORP
SAN DIEGO CALIF

AILERON-WING-STRUCTURE

K 28W2010

R 28W2010

